Theoretical Computer Science
Algorithms, automata, complexity and games

Volume 204, Numbers 1–2, 6 September 1998

Papers Dedicated to the Memory of Marcel-Paul Schützenberger

Guest Editor: D. Perrin

Abstracted/Indexed in: ACM Computing Reviews, Compuscience, Computer Abstracts, Current Contents: Engineering, Technology & Applied Science, Engineering Index/Compendex, INSPEC Information Services, Mathematical Reviews, Zentralblatt für Mathematik

Contents

Preface

D. Perrin 1

List of publications of Marcel-Paul Schützenberger 3

Contributions

V. Bruyère
On maximal codes with bounded synchronization delay 11

J. Cassaigne and J. Karhumäki
Examples of undecidable problems for 2-generator matrix semigroups 29

C. Choffrut and F. D'Alessandro
Commutativity in free inverse monoids 35

R. Cori and M. Marcus
Counting non-isomorphic chord diagrams 55

A. de Luca
A conjecture on continued fractions 75

J.-P. Duval
Périodes locales et propagation de périodes dans un mot 87

P. Goralcik and V. Koubek
On the disjunctive set problem 99

G. Hansel
Systèmes de numération indépendants et syndéticité 119

L. Ilie and A. Salomaa
On well quasi orders of free monoids 131

F. Mignosi, A. Restivo and S. Salemi
Periodicity and the golden ratio 153

Theoretical Computer Science
Algorithms, automata, complexity and games

Volume 204, Numbers 1–2, 6 September 1998

Papers Dedicated to the Memory of Marcel-Paul Schützenberger

Guest Editor: D. Perrin

Abstracted/Indexed in: ACM Computing Reviews, Compuscience, Computer Abstracts, Current Contents: Engineering, Technology & Applied Science, Engineering Index/Compendex, INSPEC Information Services, Mathematical Reviews, Zentralblatt für Mathematik

Contents

Preface

D. Perrin 1

List of publications of Marcel-Paul Schützenberger 3

Contributions

V. Bruyère
On maximal codes with bounded synchronization delay 11

J. Cassaigne and J. Karhumäki
Examples of undecidable problems for 2-generator matrix semigroups 29

C. Choffrut and F. D'Alessandro
Commutativity in free inverse monoids 35

R. Cori and M. Marcus
Counting non-isomorphic chord diagrams 55

A. de Luca
A conjecture on continued fractions 75

J.-P. Duval
Périodes locales et propagation de périodes dans un mot 87

P. Goralcik and V. Koubek
On the disjunctive set problem 99

G. Hansel
Systèmes de numération indépendants et syndéticité 119

L. Ilie and A. Salomaa
On well quasi orders of free monoids 131

F. Mignosi, A. Restivo and S. Salemi
Periodicity and the golden ratio 153

R. McNaughton
The finiteness of finitely presented monoids 169

G. Păun and G. Rozenberg
Sticker systems 183

J. Sakarovitch
A construction on finite automata that has remained hidden 205

P. E. Schupp
On the structure of Hamiltonian cycles in Cayley graphs of finite quotients of the modular group 233

Author index volume 204 249